

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicants(s): Jan Boer

Bas Driesen
Tim Schenk
Allert Van Zelst

Case: Boer 10-6-6-6

Serial No.: Unassigned

Filing Date: Concurrently Herewith

Group: Unassigned

Examiner: Unassigned

I hereby certify that this paper is being deposited on this date with the U.S.
Postal Service as first class mail addressed to the Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450

Signature: 

Date: December 22, 2005

Title: Methods and Apparatus for Backwards Compatible Communication in a Multiple
Input Multiple Output Communication System with Lower Order Receivers

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant's attorney wishes to bring to the attention of the Patent and Trademark Office the following document listed on the accompanying PTO Form 1449. A copy of the listed item is enclosed.

Other Documents

- /C.E./ 1. Shin et al., "A New Training Symbol Structure to Enhance the Performance of Channel Estimation for MIMO-OFDM Systems," IEEE International Conference on Acoustics, Speech, and Signal Processing Proceedings (ICASSP), Vol. 1 of 6, pgs. IV397-IV400 (April 6, 2003).
- /C.E./ 2. Sun et al., "Training Sequence Assisted Channel Estimation for MIMO OFDM," Wireless Communications and Networking, pgs. 38-43 (March 16, 2003).

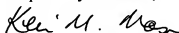
The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability or that no other material information exists.

107562619

IAP20 Rec'd CTCTO 22 DEC 2005

In the event of any non-payment or improper payment of a required fee, the Commissioner is hereby authorized to charge or to credit **Deposit Account No. 50-0762** as required to correct the error. A duplicate copy of this letter is enclosed.

Respectfully submitted,



Kevin M. Mason
Attorney for Applicant
Reg. No. 36,597
Ryan, Mason & Lewis, LLP
1300 Post Road, Suite 205
Fairfield, CT 06824
(203) 255-6560

Date: December 22, 2005

Applicant:

10/562619

Bas Driesen
Tim Schenk
Allert Van Zelst

Case:

Boer 10-6-6-6

Serial No.:

Unassigned

Filing Date:

Concurrently Herewith

Group:

Unassigned

**LIST OF PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT**

IAP20 Rec'd PCT/PTO 22 DEC 2005

U.S. PATENT DOCUMENTS

EXAMINER

FILING DATE

INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUBCLASS	IF APPROPRIATE
---------	--------------	------	------	----------------	----------------

FOREIGN PATENT DOCUMENTS

EXAMINER

TRANSLATION

INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS/SUBCLASS	YES	NO
---------	--------------	------	---------	----------------	-----	----

OTHER DOCUMENTS

EXAMINER

INITIAL	REF NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
---------	---------	--------------------------------------------

/C.E./

Shin et al., "A New Training Symbol Structure to Enhance the Performance of Channel Estimation for MIMO-OFDM Systems," IEEE International Conference on Acoustics, Speech, and Signal Processing Proceedings (ICASSP), Vol. 1 of 6, pgs. IV397-IV400 (April 6, 2003).

/C.E./

Sun et al., "Training Sequence Assisted Channel Estimation for MIMO OFDM," Wireless Communications and Networking, pgs. 38-43 (March 16, 2003).

/Candal Elpenord/

07/21/2008

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.